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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Darrell Rinerson et al.	Attorney Docket No.: UNTYP022
Application No.: 10/680,508	Examiner: Not Yet Assigned
Filed: October 6, 2003	Group: 2824
Title: ADAPTIVE PROGRAMMING TECHNIQUE FOR A RE-WRITABLE CONDUCTIVE MEMORY DEVICE	Confirmation No.: 5040

CERTIFICATE OF MAILING
I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on January 22, 2004 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed: _____
Laura M. Dean

INFORMATION DISCLOSURE STATEMENT
37 CFR §§1.56 AND 1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, copies of which are enclosed**, may be material to examination of the above-identified patent application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application.

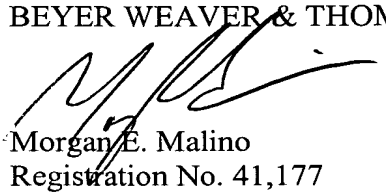
This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is: (i) filed within three (3) months of the filing date of the above-referenced application, (ii) believed to be filed before the mailing date of a first Office Action on the merits, or (iii) believed to be filed before the mailing of a first Office Action after the filing of a Request for Continued Examination under §1.114. Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure

** Copies of U.S. Patents and U.S. Published Applications are not enclosed.

Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. UNTYP022).

Respectfully submitted,
BEYER WEAVER & THOMAS, LLP



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Form 1449 (Modified) **Information Disclosure Statement By Applicant** (Use Several Sheets if Necessary)	Atty Docket No. UNTYP022 Applicant: Rinerson, et al. Filing Date October 6, 2003	Application No.: 10/680,508 Group 2824

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A	5,287,326	02/15/94	Hirata	365	203.03	9/24/1992
	C	5,422,842	06/06/95	Cernea, et al.	365	185.22	7/8/1993
	D	5,495,442	02/27/96	Cernea, et al.	365	185.03	5/4/1995
	E	5,532,964	07/02/96	Cernea, et al.	365	189.09	5/4/1995
	F	6,204,139	03/20/01	Liu, et al.	438	385	8/25/1998
	G	6,574,145	06/03/03	Kleveland, et al.	365	185.19	6/29/2001

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	H	Beck, A. et al., "*Reproducible switching effect in thin oxide films for memory applications,*" Applied Physics Letters, Vol. 77, No. 1, 3 July 2000,139-141.
	I	Rossel, C. et al., "*Electrical current distribution across a metal-insulator-metal structure during bistable switching,*" Journal of Applied Physics, Vol. 90, No. 6, 15 September 2001, 2892-2898.
	J	Watanabe, Y. et al., "*Current-driven insulator-conductor transition and nonvolatile memory in chromium-doped $SrTiO_3$ single crystals,*" Applied Physics Letters, Vol. 78, No. 23, 4 June 2001, 3738-3740.

Examiner	Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.